

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081720\
 Data File : VX017941.D
 Acq On : 17 Aug 2020 16:12
 Operator : JC/SP
 Sample : L3703-06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:01:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 00:59:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	278683	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	276017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	120959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76295	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.69	69	72485	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.34	63	125008	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.54	46	281821	55.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	5.14	84	190866	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	6.03	65	112212	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	6.05	84	350423	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	7.37	67	119168	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	8.70	98	293127	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
45) trans-1,3-Dichloropropene-	8.99	79	45985	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	9.43	63	221822	52.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.22%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	90356	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	120862	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

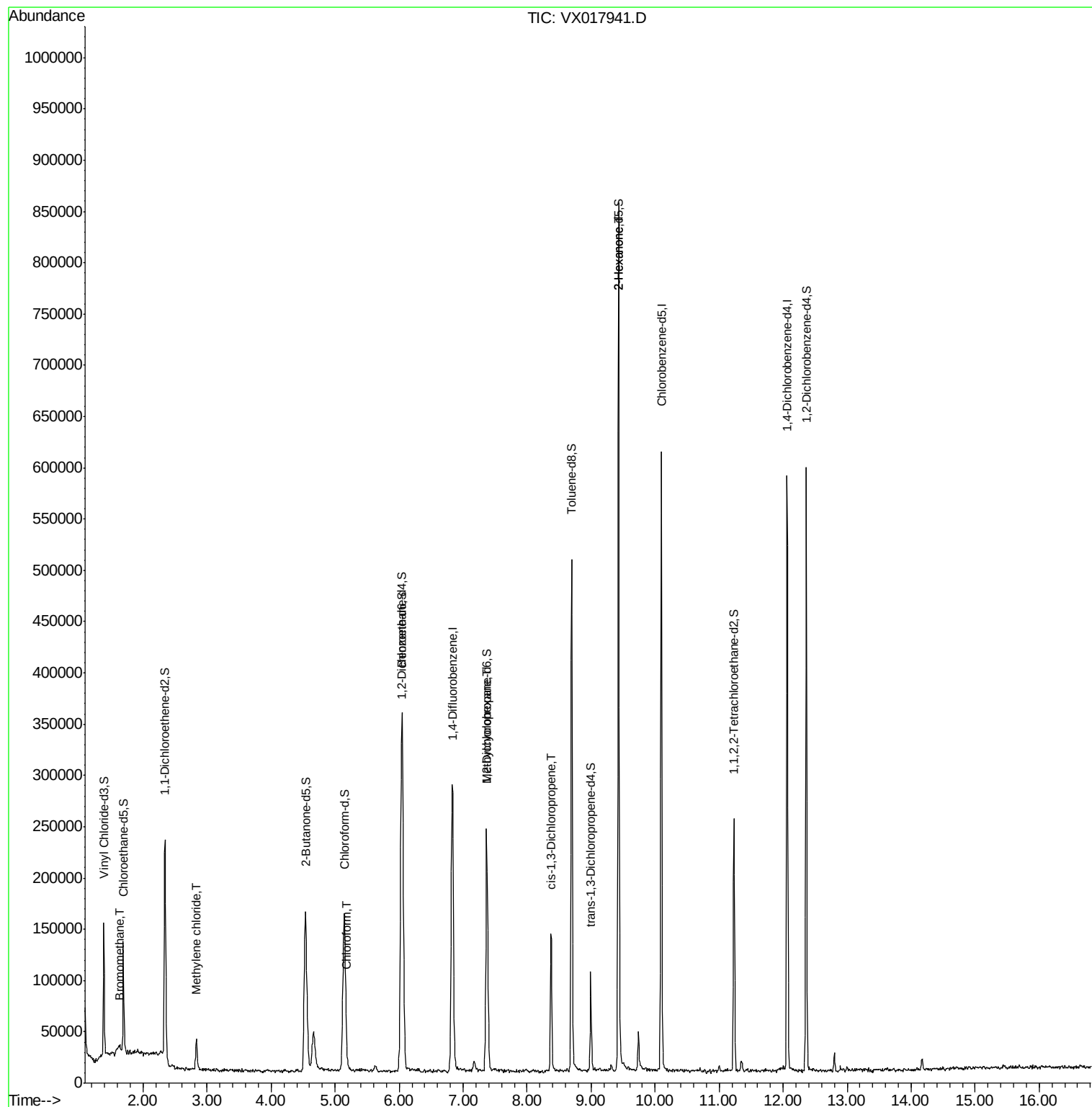
					Ovalue
6) Bromomethane	1.64	94	1485	0.097 ug/L	92
16) Methylene chloride	2.84	84	13449	0.456 ug/L	86
25) Chloroform	5.18	83	10231	0.220 ug/L	100
35) Methylcyclohexane	7.37	83	27845	0.694 ug/L #	21
39) cis-1,3-Dichloropropene	8.37	75	4370	0.116 ug/L	94
50) 2-Hexanone	9.43	43	27860	2.429 ug/L #	70

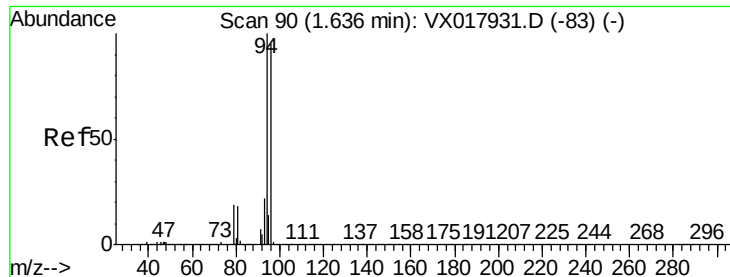
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.097 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017941.D

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Instrument :

MSVOA_X

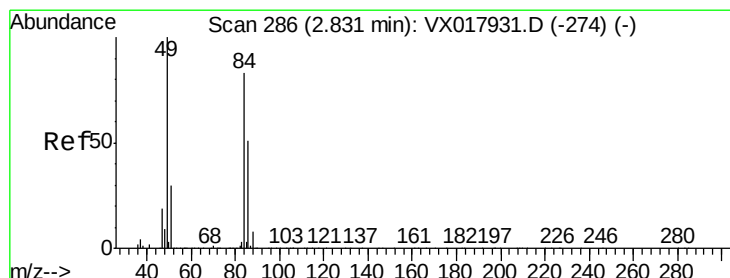
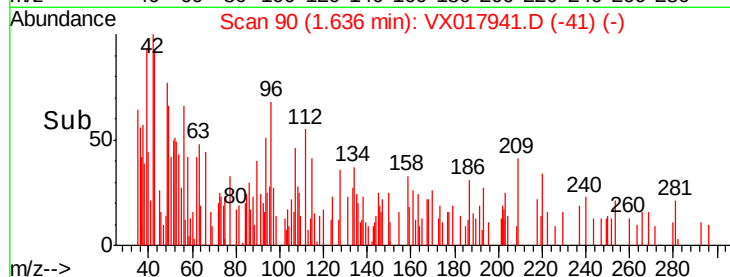
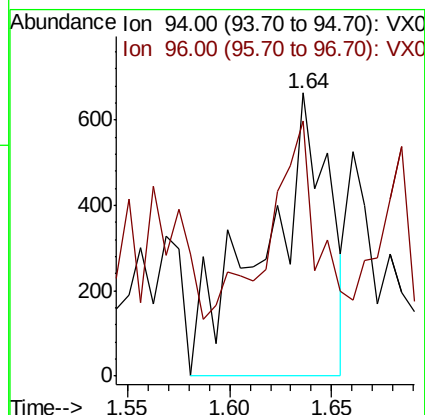
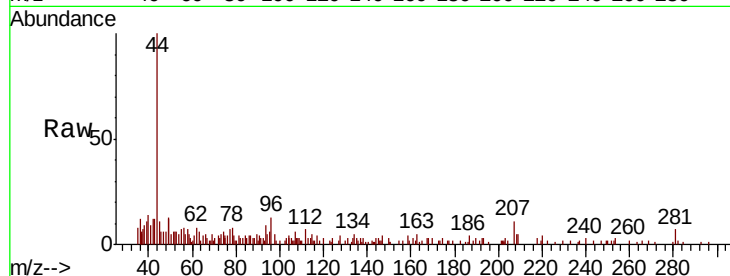
ClientSampled :

Tot Ion: 94 Resp: 1485

Ion Ratio Lower Upper

94 100

96 90.0 68.5 127.1



#16

Methylene chloride

Concen: 0.456 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

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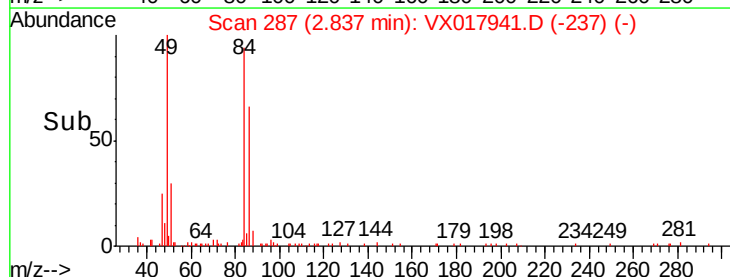
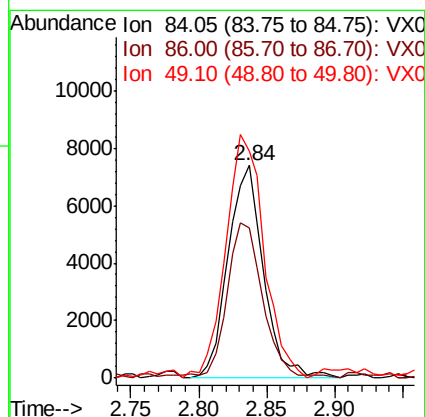
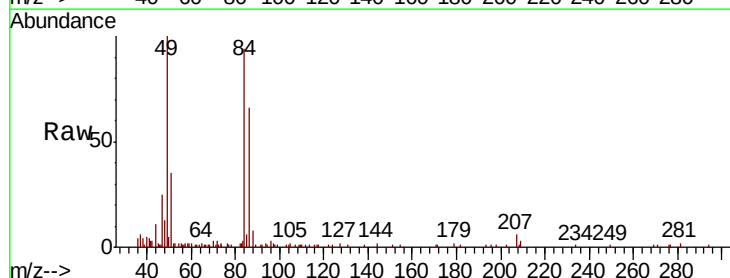
Tgt Ion: 84 Resp: 13449

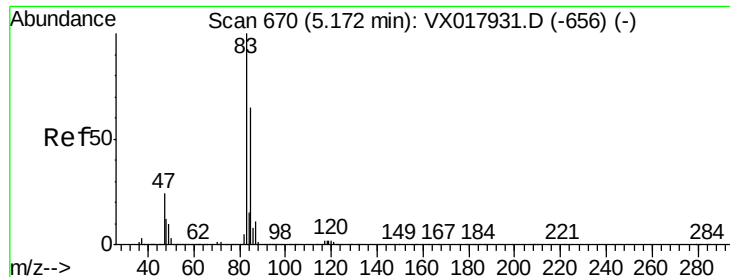
Ion Ratio Lower Upper

84 100

86 70.6 43.0 80.0

49 106.9 86.9 161.3

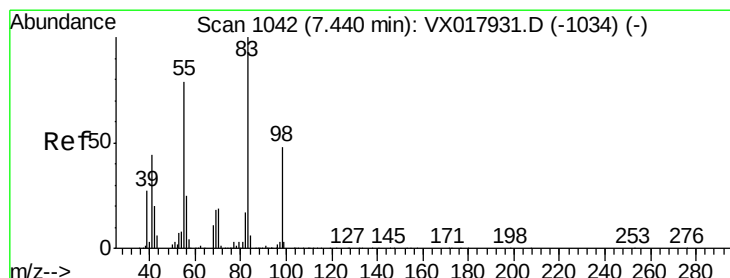
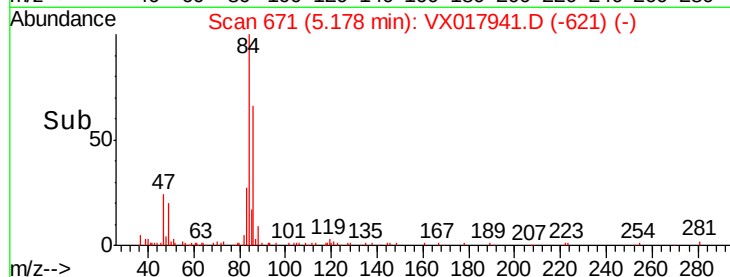
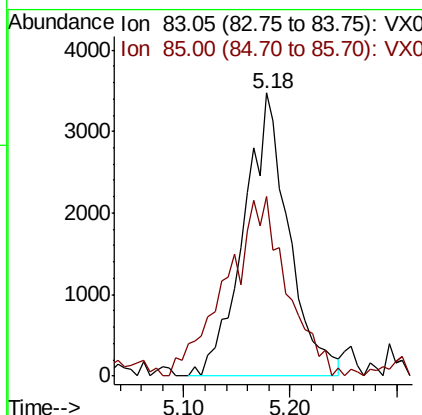
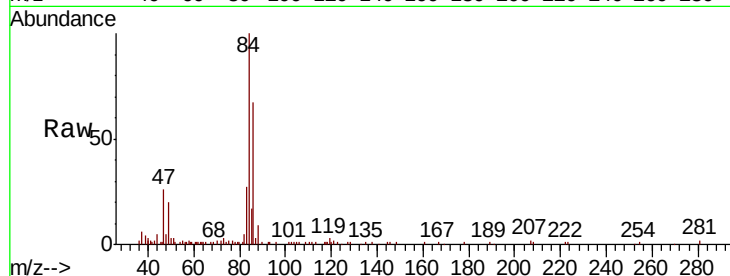




#25
Chloroform
Concen: 0.220 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
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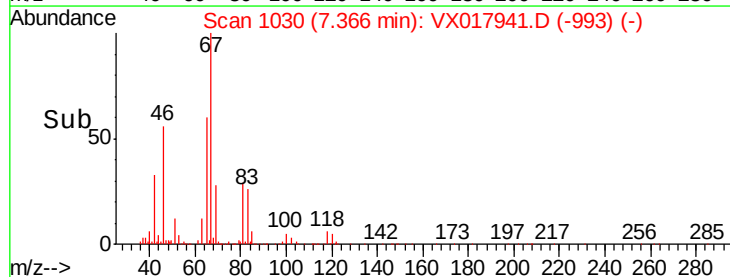
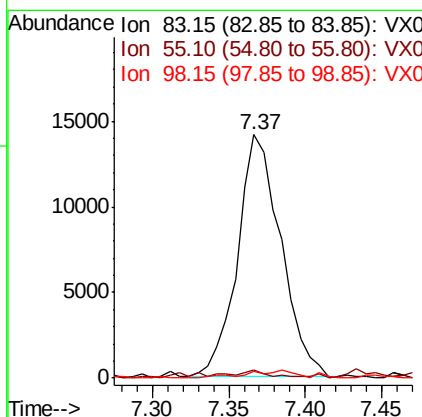
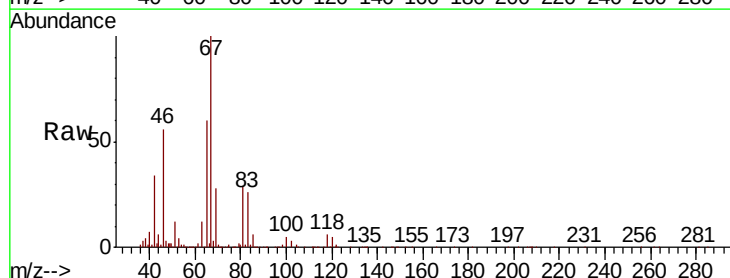
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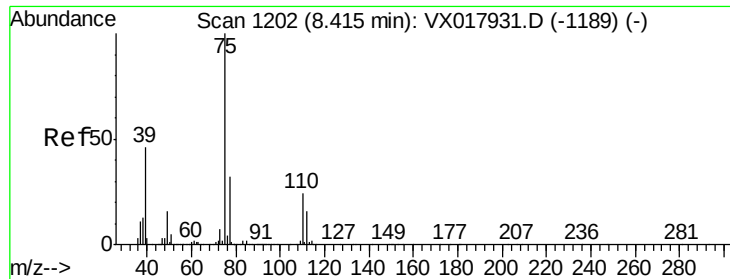
Tot Ion: 83 Resp: 10231
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017941.D
Acq: 17 Aug 2020 16:12

Tgt Ion: 83 Resp: 27845
Ion Ratio Lower Upper
83 100
55 2.3 62.4 93.6#
98 3.6 38.0 57.0#

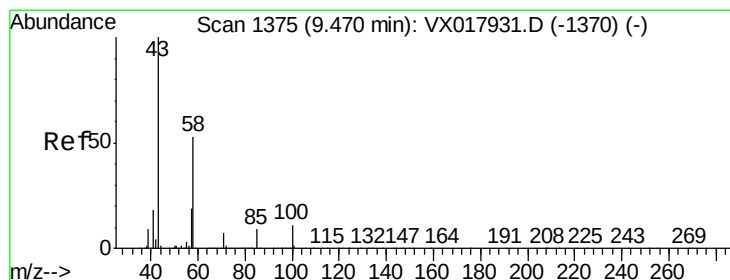
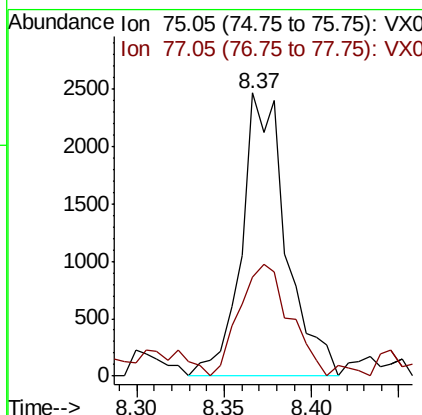
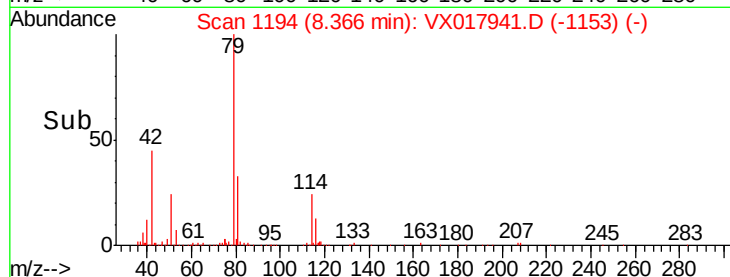
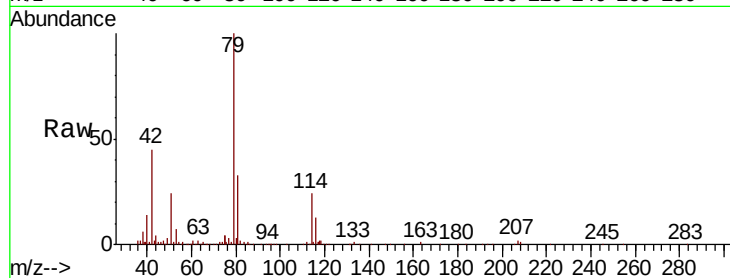




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 8.37 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: VX017941.D
 Acq: 17 Aug 2020 16:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 4370
 Ion Ratio Lower Upper
 75 100
 77 35.2 22.2 41.2



#50
 2-Hexanone
 Concen: 2.429 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017941.D
 Acq: 17 Aug 2020 16:12

Tgt Ion: 43 Resp: 27860
 Ion Ratio Lower Upper
 43 100
 58 30.3 43.0 64.6#
 57 31.8 15.0 22.4#
 100 4.1 9.2 13.8#

